

NUCLEAR REGULATORY COMMISSION

[Docket Nos. 52-027 and 52-028; NRC-2008-0441]

**Virgil C. Summer Nuclear Station, Units 2 and 3; South Carolina Electric & Gas Company;
Turbine Building Battery Room and Electrical Changes**

AGENCY: Nuclear Regulatory Commission.

ACTION: Exemption and combined license amendment; issuance.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is granting an exemption to allow a departure from the certification information of Tier 1 of the generic design control document (DCD) and issuing License Amendment No. 19 to Combined Licenses (COL), NPF-93 and NPF-94. The COLs were issued to South Carolina Electric & Gas Company (SCE&G), and South Carolina Public Service Authority (the licensee), for construction and operation of the Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3 located in Fairfield County, South Carolina. The amendment consists of changes to (1) increase Non Class 1E dc and uninterruptible power supply (UPS) System (EDS) total equipment capacity, component ratings, and protective device sizing to support increased load demand, (2) relocate equipment and moving Turbine Building (TB) first bay EDS Battery Room and Charger Room. The floor elevation increases from elevation 148'-0" to elevation 148'-10" to accommodate associated equipment cabling with this activity, and (3) remove the Class 1E Class 1E dc and UPS System (IDS) Battery Back-up tie to the Non-Class 1E EDS Battery. The granting of the exemption allows the changes to Tier 1 information asked for in the amendment. Because the acceptability of the exemption was determined in part by the acceptability of the amendment, the exemption and amendment are being issued concurrently.

DATES: [INSERT DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

ADDRESSES: Please refer to Docket ID **NRC-2008-0441** when contacting the NRC about the availability of information regarding this document. You may obtain information related to this document, which the NRC possesses and is publicly-available, using any of the following methods:

- **Federal Rulemaking Web site:** Go to <http://www.regulations.gov> and search for Docket ID **NRC-2008-0441**. Address questions about NRC dockets to Carol Gallagher; telephone: 301-287-3422; e-mail: Carol.Gallagher@nrc.gov. For technical questions, contact the individual listed in the FOR FURTHER INFORMATION CONTACT section of this document.

- **NRC's Agencywide Documents Access and Management System (ADAMS):**
You may obtain publicly-available documents online in the NRC Library at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to pdr.resource@nrc.gov. The ADAMS accession number for each document referenced in this document (if that document is available in ADAMS) is provided the first time that a document is referenced. The request for the amendment and exemption was submitted by the letter dated October 2, 2013 (ADAMS Accession No. ML13283A166). The licensee supplemented this request by letter dated February 28, 2014 (ADAMS Accession No. ML14059A226).

- **NRC's PDR:** You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

FOR FURTHER INFORMATION CONTACT: Denise McGovern, Office of New Reactors, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-0681; e-mail: Denise.McGovern@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Introduction

The NRC is granting an exemption from the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Appendix D, Section III.B, "Design Certification Rule for the AP1000 Design, Scope, and Contents and issuing License Amendment No. 19 to COLs, NPF-93 and NPF-94, to the licensee. The exemption is required by Paragraph B.6.c of Section VIII, "Processes for Changes and Departures," Appendix D to 10 CFR Part 52 to allow the licensee to depart from Tier 1 information. With the requested amendment, the licensee sought changes to the Updated Final Safety Analysis Report (UFSAR) Tier 1 and Appendix C to the COL.

Part of the justification for granting the exemption was provided by the review of the amendment. Because the exemption is necessary in order to issue the requested license amendment, the NRC granted the exemption and issued the amendment concurrently, rather than in sequence. This included issuing a combined safety evaluation containing the NRC staff's review of both the exemption request and the license amendment. The exemption met all applicable regulatory criteria set forth in 10 CFR 50.12, 10 CFR 52.7, and 52.63(b)(1). The license amendment was found to be acceptable as well. The combined safety evaluation is available in ADAMS under Accession No. ML14260A017.

Identical exemption documents (except for referenced unit numbers and license numbers) were issued to the licensee for VCSNS Units 2 and 3 (COLs NPF-93 and NPF-94). These documents can be found in ADAMS under Accession Nos. ML14260A012 and

ML14260A014, respectively. The exemption is reproduced (with the exception of abbreviated titles and additional citations) in Section II of this document. The amendment documents for COLs NPF-93 and NPF-94 are available in ADAMS under Accession Nos. ML14260A007 and ML14260A008, respectively. A summary of the amendment documents is provided in Section III of this document.

II. Exemption

Reproduced below is the exemption document issued to VCSNS, Units 2 and 3. It makes reference to the combined safety evaluation that provides the reasoning for the findings made by the NRC (and listed under Item 1) in order to grant the exemption:

1. In a letter dated October 2, 2013 and supplemented by the letter dated February 28, 2014, South Carolina Electric & Gas Company (licensee) requested from the Nuclear Regulatory Commission (Commission) an exemption from the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Appendix D, Section III.B, "Design Certification Rule for the AP1000 Design, Scope, and Contents," as part of license amendment request (LAR) 13-14, "Turbine Building Battery Room and Electrical Changes."

For the reasons set forth in Section 3.1 of the NRC staff Safety Evaluation, which can be found in ADAMS under Accession No. ML14260A017, the Commission finds that:

- A. the exemption is authorized by law;
- B. the exemption presents no undue risk to public health and safety;
- C. the exemption is consistent with the common defense and security;
- D. special circumstances are present in that the application of the rule in this circumstance is not necessary to serve the underlying purpose of the rule;
- E. the special circumstances outweigh any decrease in safety that may result from the reduction in standardization caused by the exemption; and

F. the exemption will not result in a significant decrease in the level of safety otherwise provided by the design.

2. Accordingly, the licensee is granted an exemption to the provisions of 10 CFR Part 52, Appendix D, Section III.B, to allow deviations from the certified Design Control Document (DCD) Tier 1 Tables 2.6.2-1, 2.6.2-2, 2.6.3-1, and 2.6.3-4 and Figure 2.6.2-1, as described in the licensee's request dated October 2, 2013 and supplemented by letter dated February 28, 2014. This exemption is related to, and necessary for the granting of License Amendment No. 19, which is being issued concurrently with this exemption.

3. As explained in Section 5 of the NRC staff Safety Evaluation (ADAMS Accession Number ML14260A017), this exemption meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Therefore, pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment needs to be prepared in connection with the issuance of the exemption.

4. This exemption is effective as of October 24, 2014.

III. License Amendment Request

The request for the amendment and exemption was submitted by the letter dated October 2, 2013. The licensee supplemented this request by letter dated February 28, 2014. The proposed license amendment request revises Tables 2.6.2-1, 2.6.2-2, 2.6.3-1, and 2.6.3-4 and Figure 2.6.2-1 of Appendix C of the Facility Combined License of Appendix C to the COLs.

The Commission has determined for these amendments that the application complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

A notice of consideration of issuance of amendment to facility operating license or combined license, as applicable, proposed no significant hazards consideration determination, and opportunity for a hearing in connection with these actions, was published in the *Federal Register* on November 26, 2013 (78 FR 70589). No comments were received during the 60-day comment period.

The Commission has determined that these amendments satisfy the criteria for categorical exclusion in accordance with 10 CFR 51.22(c)(9). Therefore, pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared for these amendments.

IV. Conclusion

Using the reasons set forth in the combined safety evaluation, the staff granted the exemption and issued the amendment that the licensee requested on October 2, 2013, and supplemented by letter dated February 28, 2014. The exemption and amendment were issued on October 24, 2014 as part of a combined package to the licensee (ADAMS Accession No. ML14260A004).

Dated at Rockville, Maryland, this 2nd day of December 2014.

For the Nuclear Regulatory Commission.

/RA/

Denise L. McGovern, Senior Project Manager,
Licensing Branch 4,
Division of New Reactor Licensing,
Office of New Reactors.